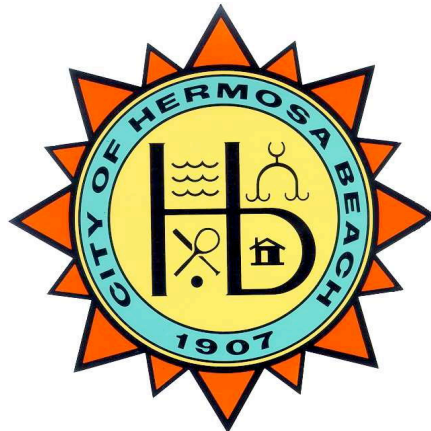


INDIVIDUAL ANNUAL REPORT
NPDES PERMIT
NO. CAS004001
for the
Municipal Separate Storm Sewer System
of the



CITY OF HERMOSA BEACH
Fiscal Year 2014-2015

City of Hermosa Beach Individual Annual Report (Form U-4)

This form summarizes the requirements in Order No. 01-182. Each Permittee must complete this form in its entirety, except for those requirements applicable only to the Principal Permittee. Only report activities that were performed during the previous fiscal year. Upon completion, this form shall be submitted to the Principal Permittee, by the date specified by the Principal Permittee, for inclusion in the unified Annual Storm Water Program Report. Attachments should be included where necessary to provide sufficient information on program implementation.

The goals of this Report are to: 1) concisely document implementation of the Storm Water Quality Management Program (SQMP) during the past fiscal year; 2) evaluate program results for continuous improvement; 3) to determine compliance with Order 01-182; and 4) to share this information with other Permittees, municipal decision makers, and the public.

!	YOU MUST FILL OUT ALL THE INFORMATION REQUESTED <i>Do not leave any of the sections blank.</i>
N/A	If the question does not apply to your municipality, please indicate N/A in the space provided and provide a brief explanation
U	If the information requested is currently unavailable, please indicate U in the space provided and give a brief explanation.

Due to adoption of Order No R4-2012-0175 and based on direction from staff of Regional Water Quality Control Board-Los Angeles (LARWQCB), this form and supporting attachments are being provided directly to the LARWQCB Executive Officer rather than to the Principal Permittee.

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This Report Form consists of the following sections:

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VII. Certification	Attached
City Attorney Certification of Legal Authority	Attached
Attachments:	
Staff Training	Attach I-D
Stormwater Ordinance	Attach III F-2
Public Education Summary	Attach IV-A
Related Attachments	
Catch Basin Cleaning Records	Attach IV-E-5
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Storm Drain System Map	Attach IV-F-2
Assessment of Program Effectiveness	Attach VI
Implementation of Order R4-2012-0175	Attached

City of Hermosa Beach Individual Annual Report (Form U-4)

Reporting Year 2014-15

I. Program Management

A. Permittee Name: City of Hermosa Beach

B. Permittee Program Supervisor: Kristy Morris

Title: **Environmental Analyst**

Address: **1315 Valley Drive**

City: **Hermosa Beach**

Zip Code: **90254-3885**

Phone: **310-750-3603**

Fax: **(310) 937-5015**

C. In the space below, briefly describe how the storm water program is coordinated within your agency's departments and divisions. Include a description of any problems with coordination between departments. To facilitate this, complete the Table 1.

Hermosa Beach is a small city with a tightly-knit staff that works closely together yet provides the full service typical of a larger City. The City's Environmental Analyst has the lead responsibility for coordinating implementation of the MS4 NPDES permit requirements within the City. While NPDES MS4 permit requirements touch virtually all aspects of city services, key departments involved in implementing these requirements are the Public Works and Community Development Departments.

TABLE 1 - Program Management

Storm Water Management Activity	Division/Department	# of Individuals Responsible for Implementing
1. Outreach & Education	Public Works/Planning	2
2. Industrial/Commercial Inspections	Public Works/Comm. Dev.	2
3. Construction Permits/Inspections	Building & Safety	3
4. IC/ID Inspections	Code Enforcement	3
5. Street sweeping	Public Works	3
6. Catch Basin Cleaning	Public Works	2
7. Spill Response	Public Works, Fire/Police	3
8. Development Planning (project/SUSMP review and approval)	Planning	3
9. Trash Collection	Public Works	3

City of Hermosa Beach Individual Annual Report (Form U-4)

D. Staff and Training

Attach a summary of staff training over the last fiscal year. This shall include the staff name, department, type of training, and date of training.

Training sign-in and materials are included as Attachment I-D

E. Budget Summary

1. Does your municipality have a storm water utility? Yes ☐ No ☒

If no, describe the funding source(s) used to implement the requirements of Order No. 01-182.

Utility User tax (sewer fund)

2. Are the existing financial resources sufficient to accomplish all required activities? Yes ☐ No ☒

3. Complete Table 2 to the extent that accurate information is available (indicate U in the spaces where the information is unavailable), and report any supplemental dedicated budgets for the same categories on the lines below the table.

4. List any additional state/federally funded projects related to storm water.

- **Used Oil Recycling Block Grant—Cal Recycle**
- **Beverage Container Recycling Grants—Cal Recycle**

City of Hermosa Beach Individual Annual Report (Form U-4)

TABLE 2

Program Element	Expenditures in Fiscal Year 2014-2015	Budget to implement Order 01-182 FY15-16
1. Program management		
a. Administrative staff time	\$13,000	\$13,000
b. Administrative Consultant support	\$22,414	\$19,800
c. NPDES Permit fee & WDR fee	\$10,000	\$9,594
2. Public Information and Participation		
a. Public Outreach/Education	\$8,057	\$6,600
b. Employee Training	\$6,092	\$9,300
c. Used Oil, BCR	\$15,692	\$15,455
d. Business Assistance	\$3,085	\$3,300
3. Industrial/Commercial		
a. Consultant	\$3,263	\$900
b. Restaurant Inspect. (incl. FOG)	*	*
4. Development Planning		
a. Consultant/Special Projects	\$9,797	\$2,400
b. SUSMP & priority project	*	*
5. Development Construction		
a. Consultant		\$4,500
b. Construction Site Inspections	*	*
6. Public Agency Activities		
a. Public Facility Inventory and BMPs		\$9,000
b. Municipal street sweeping	\$164,354	\$169,286
c. Downtown cleaning	\$141,577	\$153,815
d. Catch basin & insert cleaning	\$20,000	\$28,688
e. Capital Costs	\$957,626	\$5,000
7. IC/ID Program		
a. Sewer line hydro flushing	\$126,885	\$126,885
b. Sewer CCTV, emergency repairs	\$188,000	\$272,325
c. ICID Program	\$1,518	\$9,000
8. Monitoring and TMDL Compliance		
a. CIMP Implementation		\$26,222
b. CSMP Monitoring & Compliance	\$3,457	
9. Watershed Planning and Implementation		
a. WMG Planning	\$10,276	\$14,700
b. EWMP and CIMP development	\$27,704	\$85,000
10. TOTAL	\$1,732,797	\$984,770

* City's cost is recovered through fees

List any supplemental dedicated budgets for the above categories:

Residential solid waste services contract is self-supporting and not reflected above. Oil Payment Program and Beverage Container Recycling Grants fund item 2c.

List any activities that have been contracted out to consultants/other agencies:

The City contracts for industrial/commercial inspections, street sweeping/steam cleaning, sewer line cleaning/hydro-flushing, monitoring, and consultant assistance with a variety of stormwater program activities. The City contracts jointly with Jurisdictional Group 5&6 agencies for coordinated shoreline monitoring (CSMP) under the SMBBB TMDL. The City contracted jointly with the Beach Cities WMG for EWMP and CIMP development and is in the process of entering into an MOU with the Beach Cities WMG to jointly contract a consultant for CIMP implementation.

City of Hermosa Beach Individual Annual Report (Form U-4)

II. Receiving Water Limitations (Part 2)

- A. Are you aware, or have you been notified, of any discharges from your MS4 that cause or contribute to a condition of nuisance or to the violation of any applicable water quality standards? Yes ☐ No ☒
- B. Has the Regional Board notified you that discharges from your MS4 are causing or contributing to an exceedance of water quality standards? Yes ☐ No ☒

The City is not aware, nor has the City been notified during the current reporting year, that discharges from its MS4 are causing or contributing to exceedances of water quality standards. Results and evaluation of the receiving water monitoring data collected under the SMBBB TMDL Coordinated Shoreline Monitoring program and additional data collected by the City of Los Angeles EMD under the Monitoring and Reporting Program CI 6948 are discussed in the attached Assessment of Program Effectiveness in response to Item VI.A.5 *A description of water quality improvements or degradation in your watershed over the past fiscal year.*

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- C. If you answered Yes to either of the above questions, you must attach a Receiving Water Limitations (RWL) Compliance Report. The Report must include the following:
1. A description of the pollutants that are in exceedance and an analysis of possible sources;
 2. A plan to comply with the RWL (Permit, Part 2);
 3. Changes to the SQMP to eliminate water quality exceedances;
 4. Enhanced monitoring to demonstrate compliance; and
 5. Results of implementation.

III. SQMP Implementation (Part 3)

- A. Has your agency implemented the SQMP and any additional controls necessary to reduce the discharges of pollutants in storm water to the maximum extent practicable? Yes ☒ No ☐
- B. If your agency has implemented additional or different controls than described in the countywide SQMP, has your agency developed a local SQMP that reflects the conditions in its jurisdiction and specifies activities being implemented under the appropriate elements described in the countywide SQMP? **N/A** Yes ☐ No ☒
- C. Describe the status of developing a local SQMP in the box below.

The City continues to implement the Countywide Storm Water Quality Management Plan (SQMP). In addition to the Countywide SQMP, the City of Hermosa Beach is also implementing additional activities under the Jurisdictional Group 5 & 6 Implementation Plan for the Santa Monica Bay Beaches Bacteria TMDL (SMBBB TMDL).

- D. If applicable, describe an additional BMP, in addition to those in the countywide SQMP, that your city has implemented to reduce pollutants in storm water to the maximum extent practicable.

The City conducts annual inspections of restaurants (which exceeds the minimum requirement of twice during the 5-year term of the Permit). These inspections incorporate three sets of requirements: the NPDES Permit requirements, the City's Fats Oils and Grease (FOG) Control requirements, and the Clean Bay Restaurant certification program requirements established and implemented in cooperation with The [Santa Monica] Bay Foundation.

The City has an aggressive program for cleaning the downtown commercial areas including daily sweeping and frequent steam cleaning with full capture of steam cleaning wash

City of Hermosa Beach Individual Annual Report (Form U-4)

water.

The City has installed and is maintaining catch basin inserts in 41 City- and County-owned catch basins. The City has retrofitted 14 City-owned catch basins with certified full capture systems for trash within the Pier Avenue storm drain tributary area, with an additional 14 installed on County-owned catch basins.

The City Council of Hermosa Beach adopted an ordinance to ban polystyrene food service ware as recommended by the City's Green Task Force. The ordinance became effective in March 2013.

The Hermosa Strand Infiltration Trench diverts dry weather flows year-round from the 76-acre drainage area of the Pier Avenue Storm drain. This award-winning full-scale project includes a diversion structure and tide gate to direct dry-weather flows from the storm drain into a pump well, through a baffle-box pretreatment unit, then into the subsurface infiltration trench 1,000 feet long constructed on the beach adjacent to the Strand. Post-project monitoring demonstrated that the system effectively removes the bacteria load from the diverted runoff.

The Pier Avenue Improvement Project is a "green" multi-benefit streetscape improvement which retrofitted the City's main street to capture and treat stormwater/urban runoff from residential areas and commercial development in the downtown corridor (36-acre drainage area). The project has reduced dry weather flows and wet weather low flows through infiltration in both subwatersheds.

In 2012, the City adopted an ordinance (H.B.M.C. Section 8.40.020), which increased the smoke-free zones within Hermosa Beach. Smoking now is prohibited at the beach, city buildings, inside of restaurants, as well as all public parks; Pier Plaza, the heart of the city's downtown; the Hermosa Beach Pier; outdoor dining areas, including within five feet of the outdoor dining areas; the Strand, which is the sidewalk and bike path adjacent to and running the full length of the beach; the Greenbelt, which is the pedestrian path running the length of the City between Valley Drive and Ardmere Avenue, and City-owned public parking lots.

City of Hermosa Beach Individual Annual Report (Form U-4)

E. Watershed Management Committees (WMCs)

1. Which WMC are you in? **On June 28, 2013, the City notified the LARWQCB of its intent to participate in the Beach Cities Watershed Management Group to develop an Enhanced Watershed Management Program (EWMP).**
2. Who is your designated representative to the WMC?
City's stormwater consultant, Kristy Morris, Environmental Analyst and/or Homayoun Behboodi, Associate Engineer
3. How many WMC meetings did you participate in last year?
Twelve monthly Beach Cities Watershed Management Group meetings.
4. Describe specific improvements to your storm water management program as a result of WMC meetings.

The Watershed Management Group meetings provide an opportunity to share new initiatives, exchange information among cities, and the County of Los Angeles. The Group plans and coordinates the Santa Monica Bay Beaches Bacteria TMDL implementation activities. During the 2014-15 reporting year the group developed an Enhanced Watershed Management Program, which was submitted to the Regional Board in June 2015.

5. Attach any comments or suggestions regarding your WMC.
With the formation of the Beach Cities Watershed Management Group, the WMC organizational structure has been effectively replaced by the EWMP organizational structure.

F. Storm Water Ordinance

1. Have you adopted a storm water and urban runoff ordinance to enforce all requirements of Order 01-182? Yes ☒ No ☐
If not, describe the status of adopting such an ordinance.

The City completed and adopted revisions to its stormwater and urban runoff control ordinance during the reporting year to address Order R4-2012-0175.

2. If yes, have you already submitted a copy of the ordinance to the Regional Board? Yes ☒ No ☐
If not, please attach a copy to this Report.
3. Were any amendments made to your storm water ordinance during the last fiscal year? Yes ☒ No ☐

City of Hermosa Beach Individual Annual Report (Form U-4)

If yes, attach a copy of amendments to this Report.

A copy of the ordinance is attached to this report (Attach-III-F-2).

G. Discharge Prohibitions

1. List any non-storm water discharges you feel should be further regulated:

None at this time.

2. List any non-storm water discharges you feel should be exempt, and provide an explanation for each:

No comment at this time.

City of Hermosa Beach Individual Annual Report (Form U-4)

IV. Special Provisions (Part 4)

A. Public Information and Participation (Part 4.B)

In addition to answering the following questions, attach a summary of all storm water education activities that your agency conducted or participated in last year.

1. No Dumping Message

- a) How many storm drain inlets does your agency own? **86**
- b) How many storm drain inlets were marked with a no dumping message in the last fiscal year? **86**
- c) What is the total number of storm drain inlets that are legibly marked with a no dumping message?

All – 86; In Spring 2015, the City commenced a citizen stormdrain stencilling program to paint “No Dumping- Drains to Ocean” decals on the city’s 80+ drains. An article was published in the May 2, 2015 Beach Reporter newspaper describing the importance of stormwater pollution programs and requesting the community’s assistance with stenciling storm drains.

If this number is less than the number in question 1.b, describe why all inlets have not been marked, the process used to implement this requirement, and the expected completion date.

- d) How many public access points to creeks, channels, and other water bodies within your jurisdiction have been posted with no dumping signage in the past year? **Completed previously**

Describe your agency's status of implementing this requirement by the date required in Order No. 01-182.

The City has no open channels or creeks; however it does have coastal beaches which are posted with no dumping signs.

City of Hermosa Beach Individual Annual Report (Form U-4)

2. Reporting Hotline

a) Has your agency established its own hotline for reporting and for general storm water management information? Yes ☒ No ☐

b) If so, what is the number? **310-524-2750**

c) Is this information listed in the government pages of the telephone book? This is the non-emergency dispatch for the Police Department. Yes ☒ No ☐

d) If no, is your agency coordinated with the countywide hotline? Yes ☒ No ☐

e) Do you keep record of the number of calls received and how they were responded to? Yes ☒ No ☐

f) How many calls were received in the last fiscal year?

50

g) Describe the process used to respond to hotline calls.

The Public Works Department promptly responds to complaints that occur both during normal business hours and after hours. The complaints are forwarded to the Public Works Inspector or Maintenance Superintendent for investigation and appropriate response.

h) Have you provided the Principal Permittee with your current reporting contact information? Yes ☒ No ☐

i) Have you compiled a list of the general public reporting contacts for all Permittees and posted it on the www.888CleanLA.com web site (*Principal Permittee only*)? Yes ☐ No ☐

If not, when is this scheduled to occur? **N/A-principal Permittee**

3. Outreach and Education

a) Describe the strategy developed to provide outreach and bilingual materials to target ethnic communities. Include an explanation of why each community was chosen as a target, how program effectiveness will be determined, and status of implementation. (*Principal Permittee only*)

N/A—Principal Permittee, only

b) Did the Principal Permittee organize quarterly Public Outreach Strategy meetings that you were aware of? Yes ☒ No ☐

How many Public Outreach Strategy meetings did your agency participate in last year? **Four (4)**

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Explain why your agency did not attend any or all of the organized meetings.

N/A

Identify specific improvements to your storm water education program as a result of these meetings:

The meetings provided information regarding available materials for public dissemination and updates on the Countywide outreach programs.

List suggestions to increase the usefulness of quarterly meetings:

We appreciate the webcasting of these meetings to reduce the time and energy cost of commuting to the meeting. Such a medium is a better use of limited staff time and consistent with city policies to reduce greenhouse gas emissions and consumption of fossil fuel associated with travel to meetings. The City supports the continued use of webcasts for these meetings.

If quarterly Public Outreach Strategy meetings were not organized, explain why not and when this requirement will be implemented (*Principal Permittee only*).

N/A

- c) Approximately how many impressions were made last year on the general public about storm water quality via print, local TV, local radio, or other media? **114,250 as follows: Used Oil/ Beverage Recycling bill inserts sent to all households ~9,500; 500 calendars with environmental messaging distributed through City Hall public counters, the Community Center, and the Library; storm drain stenciling article in the Beach reporter (47,250 print circulation); Water saving article in Easy Reader (57,000 print circulation)**

- d) Describe efforts your agency made to educate local schools on storm water pollution.

**The City supports the parent implemented environmental program in the public elementary schools, "Grades of Green".
<http://www.gradesofgreen.org/>,
<https://www.facebook.com/gradesofgreenhermosabeach/timeline>**

- e) Did you provide all schools within each school district in Los Angeles County with materials necessary to educate a minimum of 50 percent of all school children (K-12) every 2 years on storm water pollution (*Principal Permittee only*)?

Yes ☐ No ☐

If not, explain why.

N/A—Principal Permittee, only

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- f) Describe the strategy developed to measure the effectiveness of in-school educational programs, including assessing students' knowledge of storm water pollution problems and solutions before and after educational efforts (*Principal Permittee only*).

N/A—Principal Permittee, only

For Permit Years 2-5, attach an assessment of the effectiveness of in-school storm water education programs.

- g) What is the behavioral change target that was developed based on sociological data and other studies (*Principal Permittee only*)?

N/A—Principal Permittee, only

If no target has been developed, explain why and describe the status of developing a target.

N/A—Principal Permittee, only

What is the status of meeting the target by the end of Year 5?

N/A—Principal Permittee, only

4. Pollutant-Specific Outreach

- a) Attach a description of each watershed-specific outreach program that your agency developed (*Principal Permittee only*). All pollutants listed in Table 1 (Section B.1.d.) must be included.
- b) Did your agency cooperate with the Principal Permittee to develop specific outreach programs to target pollutants in your area? Yes ☒ No ☐
- c) Did your agency help distribute pollutant-specific materials in your city? Yes ☒ No ☐
- d) Describe how your agency has made outreach material available to the general public, schools, community groups, contractors and developers, etc...

The City's website features a variety of information for residents including a Go-Green sustainability page <http://www.hermosabch.org/index.aspx?page=334> with links to specific issues including beach and ocean resources: <http://www.hermosabch.org/index.aspx?page=477>. The City distributes educational materials at the public counters for both residents and contractors. Commercial facilities are provided BMP posters and educational materials. The City supports the Coastal Cleanup Day event sponsored by Heal the Bay at the Hermosa Beach Pier location through funding from its used oil and recycling programs. The City promotes local Ocean Friendly Gardening & Landscape Workshops. The City provides outreach to businesses through the South Bay Environmental Services Center, the South Bay's local clearinghouse for energy efficiency, water conservation and environmental information.

City of Hermosa Beach Individual Annual Report (Form U-4)

For an in-depth discussion of the wide array of public outreach programs implemented by the City, please see Attachment IV-A.

5. Businesses Program

- a) Briefly describe the Corporate Outreach Program that has been developed to target gas stations and restaurant chains (*Principal Permittee only*).

N/A—Principal Permittee, only

- b) How many corporate managers did your agency (*Principal Permittee only*) reach last year? **N/A**

- c) What is the total number of corporations to be reached through this program (*Principal Permittee only*)? **N/A**

- d) Is your agency meeting the requirement of reaching all gas station and restaurant corporations once every two years (*Principal Permittee only*)? **N/A** Yes ☐ No ☐
If not, describe measures that will be taken to fully implement this requirement.

N/A

- e) Has your agency developed and/or implemented a Business Assistance Program? Yes ☒ No ☐
If so, briefly describe your agency's program, including the number of businesses assisted, the type of assistance, and an assessment of the program's effectiveness.

The City of Hermosa Beach has implemented the Clean Bay Restaurant certification program in cooperation with The [Santa Monica] Bay Foundation. During 2014-15, 106 restaurants were inspected as part of this program. It is the general practice for the inspector to speak with restaurant managers during the inspections and notify them of any outstanding issues. Most issues encountered are able to be corrected during the inspection.

The City also provides outreach to businesses on a variety of environmental programs through the South Bay Environmental Services Center, in collaboration with the South Bay Cities Council of Governments.

6. Did you encourage local radio stations and newspapers to use public service announcements?

Yes ☒ No ☐

How many media outlets were contacted? **2**

Which newspapers or radio stations ran them?

Easy Reader, Beach Reporter

Who was the audience?

City of Hermosa Beach Individual Annual Report (Form U-4)

Residents of the South Santa Monica Bay Area

7. Did you supplement the County's media purchase by funding additional media buys? Yes ☒ No ☐
Estimated dollar value/in-kind contribution: **\$1000 purchased, in-kind estimate not available**
Type of media purchased: **Easy Reader article regarding water conservation; Beach Reporter article regarding storm drain stenciling**
Frequency of the buys: **annual**
Did another agency help with the purchase? Yes ☐ No ☒
8. Did you work with local business, the County, or other Permittees to place non-traditional advertising? Yes ☒ No ☐
If so, describe the type of advertising.

Coastal Cleanup Day and the Household Hazardous Waste Roundup are advertised/posted on the City's main sign board which is visible from Pacific Coast Highway at Pier Avenue.

Restaurants who achieve the Clean Bay Restaurant certification post their certificates in public view in their establishments. The Clean Bay Restaurant program is also promoted by The Bay Foundation through various social media techniques.

Environmental calendars are distributed to businesses through the City's Used Oil Recycling program funding.

The City Manager Dept., Community Development Dept. Building Division working with Public Works enforces stormwater and water conservation rules by handing out flyers and warning people discharging to the storm drain (over-irrigating, water wasting).

9. Did you establish local community partnerships to distribute educational storm water pollution prevention material? Yes ☒ No ☐
Describe the materials that were distributed:

Bags on Board pet waste bag dispensers, pencils, etc., provided by LACDPW for the Coastal Cleanup Day Event. Local businesses provided donations to volunteers at the Coastal Cleanup Day Event. Heal the Bay coordinated the event County-wide.

Who were the key partners? **Los Angeles County Dept. of Public Works,**

City of Hermosa Beach Individual Annual Report (Form U-4)

CalRecycle

Who was the audience (businesses, schools, etc.)?

Residents, business community, general public, City staff

10. Did you participate in or publicize workshops or community events to discuss storm water pollution? Yes ☒ No ☐

How many events did you attend? **2 (HHW Roundup, Coastal Cleanup Day)**

11. Does your agency have a website that provides storm water pollution prevention information? Yes ☒ No ☐

If so, what is the address? <http://www.hermosabch.org/index.aspx?page=477>
<http://www.hermosabch.org/index.aspx?page=334>
www.southbaystormwaterprogram.com

12. Has awareness increased in your community regarding storm water pollution? Yes ☒ No ☐

Do you feel that behaviors have changed? Yes ☒ No ☐

Explain the basis for your answers. Include a description of any evaluation methods that are used to determine the effectiveness of your agency's outreach.

All restaurants in the City are in compliance with the new grease control ordinance. All restaurants were inspected under the Clean Bay Restaurant certification program during the reporting year, and notified/educated about any outstanding issues.

In 2011 Jurisdictional Groups 5 & 6 agencies jointly conducted a survey posted on the South Bay Stormwater Program website to evaluate the baseline knowledge of residents and target audiences as the foundation for the joint public outreach program. Results of the survey included:

- 100% of those who responded agreed that urban runoff is an environmental issue**
- 94% of those who responded new that rain carries pollution directly to the ocean**
- 77.9% of respondents agreed that irrigation over-spray causes water pollution**
- When asked to rank a list of thirteen activities from highest to lowest the top ranking activities as a cause of ocean and beach water pollution were: plastic bags or water bottles, littering, over fertilizing, cigarette butts, and take-out or fast food containers.**

Community awareness can be gauged by the interest in resident participation at public events.

City of Hermosa Beach Individual Annual Report (Form U-4)

13. How would you modify the storm water public education program to improve it on the City or County level?

The City is working together with sister cities and The [Santa Monica] Bay Foundation to increase public awareness of the Santa Monica Bay TMDLs and to provide a consistent message among the agencies regarding how residents, businesses and beach goers can help prevent stormwater pollution. The cities and The Bay Foundation are currently working together to improve the Clean Bay Restaurant Program and looking into the possibility of expanding the program to other types of businesses. Improvements to the program may include increased outreach and assistance with the Clean Bay Restaurant checklist.

**NPDES No. CAS 004001 Los Angeles County Municipal Storm Water Permit Order No. 01-182 and certain provisions of Order No. R4-2012-0175
City of Hermosa Beach Individual Annual Report (Form U-4)**

B. Industrial/Commercial Facilities Program

1. Critical Source Inventory Database

Did you (individually or jointly) update the Database for Critical Sources Inventory?

Yes ☒ No ☐

Comments/Explanation/Conclusion:

The list was updated by the inspector in the field.

2. Inspection Program: Provide the reporting data as suggested in the following tables.

Category	Initial Number of Facilities at the start of cycle proposed for inspection by categories (after the initial year, the updated number based on the new data)	Number of facilities inspected in the current reporting year	% Completed at the time of this report for present cycle (from the initial value, and from the updated value after first cycle)	Total number of inspections since permit adoption <i>Note: this is better expressed as total number of inspections, not facilities.</i>
Restaurants*	115	106	281%	323
Automotive	34	5**	100%	34
Nurseries	1	1	100%	1
Industrial/ Commercial Facilities	6	1	100%	6

Comments/Explanation/Conclusion:

The table above has been completed assuming that the first cycle includes the first three reporting years under the current permit, i.e., FY12-13, FY13-14 and FY14-15.

*The city conducts annual restaurant inspections consistent with the Clean Bay Restaurant Program. Every year the initial number of restaurants fluctuates up and down due to the transitory nature of this business.

** This number includes follow up inspections at 3 facilities that were initially inspected during FY1314.

**NPDES No. CAS 004001 Los Angeles County Municipal Storm Water Permit Order No. 01-182 and certain provisions of Order No. R4-2012-0175
City of Hermosa Beach Individual Annual Report (Form U-4)**

3. BMPs Implementation

Provide the reporting data as suggested in the following table.

Category	Number of facilities inspected by category in this reporting year	Number of facilities identified as adequately implementing BMPs as specified in this reporting year	% adequately implementing out of total in this reporting year	Number of facilities required to implement or upgrade in this reporting year	Number of facilities inspected by category in this reporting cycle	Number of facilities identified as adequately implementing BMPs as specified in this reporting cycle+	% adequately implementing out of total in this reporting cycle+	Number of facilities required to implement or upgrade in this reporting cycle	Total Number of inspections during this permit found adequately implementing	Total Number of inspections during this permit required to implement or upgrade
Restaurants	106	66	62%	40	323	NA +	NA +	NA +	213	110
Auto Svc.++	5	3	60%	2	34	20	59%	14	20	14
Nurseries	1	1	100%	0	1	1	100%	0	1	0
Other Commercial Facilities	1	0	0%	1	6	5	83%	1	5	1

Comments/Explanation/Conclusion:

The table above has been completed assuming that the first cycle includes the first three reporting years under the current permit, i.e., FY12-13, FY13-14 and FY14-15.

+The city conducts annual inspections consistent with the Clean Bay Restaurant Program thus tracking facility performance by cycle is not informative.

++ This number includes follow up inspections at 3 facilities that were initially inspected during FY1314.

**NPDES No. CAS 004001 Los Angeles County Municipal Storm Water Permit Order No. 01-182 and certain provisions of Order No. R4-2012-0175
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4. Enforcement Activities

Provide the reporting data as suggested in the following tables.

Enforcement Actions by categories (e.g. Warning letter, NOV, referral to D.A., etc.)	Number of facilities issued enforcement actions in the current reporting year	Number of enforcement actions issued in the current reporting cycle	Number of facilities (re)inspected due to enforcement actions in current reporting year	Number of follow-up inspections due to enforcement actions in current reporting cycle	Number of facilities brought into compliance in the current reporting year	Number of facilities brought into compliance in current reporting cycle	Total number of enforcement actions since permit adoption (by category)
Verbal warnings with copy of inspection form	43	125	3	81	3*	44	125
NOV	0	6					
Citations	0	11					

For current reporting year:

Facilities by category	Number of Verbal Warnings	Number of NOVs	Number of Citations	Other:
Restaurants	40	0	0	
Automotive	2	0	0	
Other	1	0	0	

Comments/Explanation/Conclusion:

The table above has been completed assuming that the first cycle includes the first three reporting years under the current permit, i.e., FY12-13, FY13-14 and FY14-15. The City conducts annual inspections consistent with the Clean Bay Restaurant Program.

*This number does not include restaurant facilities that were notified of outstanding issues during their inspection and will be re-inspected during the subsequent fiscal year. Most of these facilities correct issues during the time of inspection and it is verified that they remain in compliance during their annual Clean Bay Restaurant inspection. It is standard practice to provide all facilities that are inspected with a copy of their inspection form noting any deficiencies (where applicable) and a representative of the facility is usually requested to sign the inspection form (if available).

NPDES No. CAS 004001 Los Angeles County Municipal Storm Water Permit Order No. 01-182 and certain provisions of Order No. R4-2012-0175
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5. Program Implementation Effectiveness Assessment

Please give a brief assessment of the implementation of the program in removing pollutants from the storm water discharges. Please provide an explanation. Suggested improvements or adjustments based on the knowledge gained through this reporting period activities must be reflected in a change in the SQMP, if warranted.

Highly Effective ☐

Effective ☒

Somewhat Effective ☐

Non-effective ☐

Comments/Explanation/Conclusion:

The City has implemented an enhanced inspection program for restaurants consisting of comprehensive inspections for compliance with the City's grease trap retrofit ordinance as well as the Clean Bay Restaurant certification program which is more rigorous than the NPDES permit requires. The same inspector is utilized for both inspections so the restaurants receive a single comprehensive inspection. There is a high degree of turnover in restaurant staffing which makes it challenging to achieve a rate of compliance on initial inspection above 70% despite the relatively higher frequency of inspections for this category.

6. You must also submit a quarterly electronic submittal of your Industrial/Commercial Facilities Program activities.

Not Applicable--it is no longer a requirement to make quarterly submittals to the County as part of the annual report.

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C. Development Planning Program (Part 4.D)

1. Does your agency have a process to minimize impacts from storm water and urban runoff on the biological integrity of natural drainage systems and water bodies in accordance with requirements under CEQA, Section 404 of the CWA, local ordinances, and other legal authorities?

Yes ☒ No ☐

Below are three (3) examples showing how storm water quality impacts are addressed/conditioned in environmental documents for projects that have come before the City's Planning Commission:

1. "A detailed drainage and (SUSMP) Standard Urban Stormwater Mitigation Plan is required for approval by the Public Works Department, prior to the issuance of building permits and implemented on site, demonstrating best management practices for stormwater pollution control, and for sediment control and erosion control during construction."
2. "A plan for urban and stormwater runoff controls required by the Municipal Code including Section 8.60.070(H) and this Resolution, approved by Public Works Department, shall be set forth on the construction plans in accordance with Chapter 8.44 and Section 8.44.090, and the applicant shall at all times comply with the required best management practices."
3. "The use shall comply with all requirements of Chapter 8.44 including but not limited to the following: The runoff from washing and/or rinsing of snack bar tables, equipment, floor mats, food preparation utensils and other coverings, shall drain to the sewer system only and shall under no circumstances drain to the stormwater system."

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2. Does your agency have procedures to include the following requirements in all priority development and redevelopment projects:

- a) Maximize the percentage of permeable surfaces to allow more percolation of storm water into the ground? Yes ☒ No ☐
- b) Minimize the quantity of storm water directed to impermeable surfaces and the MS4? Yes ☒ No ☐
- c) Minimize pollution emanating from parking lots through the use of appropriate treatment control BMPs and good housekeeping practices? Yes ☒ No ☐
- d) Provide for appropriate permanent measures to reduce storm water pollutant loads from the development site? Yes ☒ No ☐

3. List the types and numbers of BMPs that your agency required for priority projects to meet the requirements described above.

- **TC-10 Infiltration Systems (17 projects)**

4. Describe the status of the development or implementation of peak flow controls in Natural Drainage Systems.

Not Applicable--There are no natural drainage systems/open channels in the City; however, projects within the Coastal Zone are subject to additional review by the California Coastal Commission.

5. Has your agency amended codes and/or ordinances to give legal effect to the SUSMP changes required in the Permit? Yes ☒ No ☐

6. Describe the process your agency uses to include SUSMP design standards in new development and redevelopment project approvals.

A detailed drainage plan and SUSMP was required for approval by the Public Works Department prior to the issuance of a building permit. The SUSMP and detailed drainage plan was required to demonstrate BMPs for post-construction stormwater pollution control as well as for sediment control and erosion control during construction. Prior to adoption of the 2012 LA MS4 Permit, the City took additional measures to address projects that did not necessarily meet the SUSMP threshold as follows:

In 2010 the City adopted low impact development requirements as a customized amendment to the California Green Building Code. These LID requirements applied to new development commercial and residential projects regardless of size (i.e., even projects not subject to SUSMP under the MS4 Permit were subject

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to these requirements) and included the following provisions:

- Residential projects were required to utilize water permeable surfaces on at least 50% of exterior surface areas excluding the building footprint, to direct runoff from impermeable surfaces onto permeable areas, or to utilize a subsurface infiltration system to infiltrate the volume of runoff from impermeable surfaces produced by a 0.75 inch storm event.
- Non-residential new development projects were required to demonstrate no net increase in rate and quantity of stormwater runoff over predevelopment conditions or for redevelopment projects to achieve at least a 25 percent decrease in runoff rate and quantity for the SUSMP design storm or a 25 percent decrease in site impermeability. In addition post construction treatment control BMPs were required to mitigate the SUSMP design storm with an expressed preference for infiltration.

The Zoning Code was amended to facilitate stormwater controls in all zoning districts within the City. This amendment specifies that, where practicable, runoff from driveways and off-street parking areas shall drain into an adjacent pervious area on the property to maximize infiltration. The code also provides for installation of pervious concrete or similar material and drainage facilities for driveways and parking areas.

A new text amendment to the municipal code requires that runoff from outdoor dining areas in C-3 zoning shall drain to the sewer system and under no circumstances shall drain to the storm drain system. (Outdoor dining areas are limited to 200 sq. ft. and not more than 13 seats)

The City completed adoption of its revised stormwater code including low impact development provisions that exceed the requirements in the MS4 Permit by requiring the application of LID provisions to all new buildings regardless of disturbed area. Beginning in FY2015-16, the City will begin implementing LID requirements consistent with the permit.

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7. How many of each of the following projects did your agency review and condition to meet SUSMP* requirements last year?

a)	Residential*	17*
b)	Commercial	0
c)	Industrial	0
d)	Automotive Service Facilities	0
e)	Retail Gasoline Outlets	0
f)	Restaurants	0
g)	Parking Lots	0
h)	Projects located in or directly adjacent to or discharging directly to an environmentally sensitive area	0
i)	Total number of permits issued to priority projects	17

***In addition to standard requirements for SUSMP projects, the City is requiring infiltration BMPs for all residential development or redevelopment projects regardless of size in accordance with LID requirements in its Green Building ordinance.**

8. What is the percentage of total development projects that were conditioned to meet SUSMP requirements?

35%

9. How has your agency prepared to reduce the SUSMP threshold for industrial/commercial facilities to 1 acre from 100,000 square feet in 2003?

This was addressed in the SUSMP ordinance adopted in accordance with the legal authority requirements of Order No. 01-182. Developers and contractors approaching the City for building permits are informed of this requirement in advance.

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10. After 2003, how many additional projects per year will require/did require implementation of SUSMP requirements as a result of the lower threshold? Less than one per year.
11. Does your agency participate in an approved regional or sub-regional storm water mitigation program to substitute in part or wholly SUSMP requirements for new development? Yes ☐ No ☒
12. Has your agency modified its planning procedures for preparing and reviewing CEQA documents to consider potential storm water quality impacts and provide for appropriate mitigation? Yes ☒ No ☐

If no, provide an explanation and an expected date of completion.

13. Did your agency update any of the following General Plan elements in the past year?
- a) Land Use Yes ☐ No ☒
- b) Housing Yes ☐ No ☒
- c) Conservation Yes ☐ No ☒
- d) Open Space Yes ☐ No ☒

If yes, please describe how watershed and storm water quality and quantity management considerations were included.

The City is currently updating and integrating the City's General Plan and Coastal Land Use Plan to create a Comprehensive Blueprint for Sustainability and a Low Carbon Future. The land-use and transportation chapters encourage the expansion of complete streets which offer multiple benefits including improved traffic flows, reduced stormwater run-off, potential expansion of habitat and biodiversity, and increased economic vitality and active transportation opportunities. The sustainability chapter focuses on opportunities to reduce greenhouse gas emissions through energy efficiency and water conservation policies and measures described in existing planning documents such as the Municipal Carbon Neutral Plan, 2013 Clean Fleet Policy and Action Plan, Sustainability Plan and the Energy Efficiency chapter of the Action Plan currently being developed.

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14. How many targeted staff were trained last year? **8**
15. How many targeted staff are trained annually? **5-8**
(depending on staffing)
16. What percentage of total staff are trained annually? **On average 80%**
17. Has your agency developed and made available development planning guidelines? Yes ☒ No ☐
18. If no, what is the expected date that guidelines will be developed and available to developers?
19. What is the status of completion of the technical manual for siting and design of BMPs for the development community?

The County of Los Angeles, as Principal Permittee, has developed the technical manual for siting and design of BMPs. The County of Los Angeles has also updated the Low Impact Development Manual: http://dpw.lacounty.gov/wmd/dsp_LowImpactDevelopment.cfm

D. Development Construction Program

1. Describe your agency's program to control runoff from construction activity at all construction sites within its jurisdiction.

An Owner's Certification listing Minimum BMPs for All Construction Sites with signatures by Architect/Engineer of Record and Landowner are required for all building permits. Contractors are required to submit plans with appropriate construction BMPs identified. Standard notes incorporated into plans include provisions regarding Water Quality Requirements. Contractors are required to review the City's Storm Water Ordinance, guidelines for minimum construction BMPs and sign a statement acknowledging this and agreeing to comply with these rules and regulations. Projects disturbing one acre or more of soil must submit a Storm Water Pollution Prevention Plan (SWPPP) and obtain coverage under the statewide General Stormwater Permit for Construction Activities.

A building/grading site is inspected on average about 12 times and each time the inspector is on site, the condition of stormwater BMPs is noted by the inspector and, if necessary, corrections required.

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2. Does your agency require the preparation, submittal, and implementation of a Local Storm Water Pollution Prevention Plan (Local SWPPP) prior to the issuance of a grading permit for all sites that meet one or all of the following criteria?

Local SWPPPs are no longer utilized since sites one acre or greater are required to seek coverage under the Statewide General Construction Permit.

- a) Will result in soil disturbance of one acre or greater Yes ☒ No ☐
- b) Is within, directly adjacent to, or is discharging directly to an environmentally sensitive area Yes ☒ No ☐
- c) Is located in a hillside area Yes ☒ No ☐

3. Attach one example of a local SWPPP

City does not require local SWPPP but instead requires projects to obtain coverage under the Statewide General Construction Permit--no projects within the City during the past year qualified for coverage under the Statewide General Construction Permit.

4. Describe the process your agency uses to require proof of filing a Notice of Intent for coverage under the State General Construction Activity Storm Water permit and a certification that a SWPPP has been prepared prior to issuing a grading permit?

Projects disturbing one acre or more of soil must submit a Storm Water Pollution Prevention Plan (SWPPP) and obtain coverage under the statewide General Stormwater Permit for Construction Activities. Evidence of this coverage must be demonstrated with an assigned WDID prior to building permit issuance.

5. How many building/grading permits were issued to sites requiring Local SWPPPs last year? **0**
6. How many building/grading permits were issued to sites requiring coverage under the General Construction Activities Storm Water Permit last year? **0**
7. How many building/grading permits were issued to construction site less than one acre in size last year? **43**
8. How many construction sites were inspected during the last wet season? **816**
9. Complete the table below.

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Type of Violation	# of Violations	% of Total Inspections	# of Follow-up Inspections	# of Enforcement Actions
Off-site discharge of sediment	6	<1%	6	0
Off-site discharge of other pollutants	4	<1%	2	0
No or inadequate SWPPP	NA	NA	NA	NA
Inadequate BMP/SWPPP implementation	10	1%	10	0

10. Describe the process for taking enforcement actions against construction site violations, including the types of actions that are taken.

For minor BMP corrections, a verbal warning is given to make the correction during the inspection and a follow up inspection is made if needed.

For off-site discharge of pollutants or other serious violations, a written notice of violation and requirement to appear at a meeting at City Hall is issued if the violation is unable to be corrected at the time of inspection. Any further infraction observed after further follow up inspection is subject to a fine.

11. Describe the system that your agency uses to track the issuance of grading permits.

All grading permits are reviewed by the Building and Safety Division, and then are forwarded to the Public Works Department where they are further reviewed, logged and filed.

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E. Public Agency Activities (Part 4.F)

1. Sewage System Maintenance, Overflow, and Spill Prevention (only applicable to agencies that own and/or operate a sanitary sewer system)
 - a) Has your agency developed and implemented a response plan for sanitary sewer overflows that includes the requirements in Order 01-182? Yes ☒ No ☐
 - b) How many sanitary sewer overflows occurred within your jurisdiction? 0
 - c) How many did your agency respond to? 0
 - d) Did your agency investigate all complaints received? **N/A** Yes ☐ No ☐
 - e) How many complaints were received? 0
 - f) Upon notification, did your agency immediately respond to overflows by containment? **N/A** Yes ☐ No ☐
 - g) Did your agency notify appropriate sewer and public health agencies when a sewer overflowed to the MS4? **N/A** Yes ☐ No ☐
 - h) Did your agency implement a program to prevent sewage spills or leaks from sewage facilities from entering the MS4? Yes ☒ No ☐
If so, describe the program:

City sewer lines are regularly cleaned and maintained. The sewer lines are monitored by routine inspections and video taping as needed. All sewage spills receive immediate response. The City has adopted a Grease Trap Ordinance to reduce the frequency of sewer blockages in the commercial district.

The City is implementing its responsibilities under the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (Order No. 2006-0003) for City-owned portions of the sewer system. The City has adopted a Sanitary Sewer Management Plan in accordance with Order No. 2006-0003.

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- i) Did your agency implement a program to identify, repair, and remediate sanitary sewer blockages, exfiltration, overflow, and wet weather overflows from sanitary sewers to the MS4?

Yes ☒ No ☐

If so, describe the program:

Standard Operating Procedures ensure that sanitary sewers are regularly monitored and repaired to prevent leakage. Areas of concern are monitored and videotaped. Significant fiscal resources are dedicated annually to maintenance and rehabilitation of the City-owned sanitary sewer collection system.

The City has instituted a grease control ordinance requiring existing and new food service establishments which generate oil and grease to install grease traps or full-size grease interceptors. All commercial food service establishments (FSEs) in the City are now in compliance with the new ordinance and are inspected annually.

2. Public Construction Activities Management

- a) What percentage of public construction sites 5 acres or greater in size did your agency obtain coverage under the State of California General Construction Activities Storm Water Discharge Permit ?

NA %

- b) Give an explanation for any sites greater than 5 acres that were not covered:

There were no public construction projects over five acres.

- c) What is the total number of active public construction sites?
How many were 5 acres or greater in size?

0
0

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- d) (After March, 2003) Did your agency obtain coverage under the State of California General Construction Activities Storm Water Discharge Permit coverage for public construction sites for sites one acre or greater? Yes ☒ No ☐

3. Vehicle Maintenance/Material Storage Facilities/Corporation Yards Management

- a) Did your agency implement pollution prevention plans for each public vehicle maintenance facility, material storage facility, and corporation yard? Yes ☒ No ☐

- b) Briefly describe how your agency implements the following, and any additional, BMPs to minimize pollutant discharges in storm water:

- (1) Good housekeeping practices
- (2) Material storage control
- (3) Vehicle leaks and spill control
- (4) Illicit discharge control

Regular training of public works staff and effective supervision is employed to ensure that public works activities are conducted in a manner that minimizes pollutant discharges to stormwater. Maintenance contracts are closely supervised. Standard operating procedures for cleaning of downtown areas includes dry sweeping, followed by steam cleaning with capture of runoff and disposal to the sanitary sewer.

- c) Are all Permittee owned and/or operated vehicle/equipment wash areas self-contained, covered, equipped with a clarifier, and properly connected to the sanitary sewer? Yes ☒ No ☐

If not, what is the status of implementing this requirement?

Municipal vehicles and equipment are either washed on a designated pervious, bermed area or at an off site commercial car wash equipped with appropriate pretreatment systems.

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- d) How many Permittee owned and/or operated vehicle/equipment wash areas are scheduled to be redeveloped to include the BMPs listed above? **None**

4. Landscape and Recreational Facilities Management

- a) Has your agency developed a standardized protocol for the routine and non-routine application of pesticides, herbicides (including pre-emergents), and fertilizers? Yes ☒ No ☐

Briefly describe this protocol:

The City uses licensed contractors with employees properly trained and certified in the application of pesticides, fertilizers, and herbicides. The City has established a pesticide-free zone in the Hermosa Green Belt open space park (1.9 acres) such that weed control must be maintained by hand operation or methods other than use of herbicides such as chipping, mulching, etc.

Contractor is required to use integrated pest management, using the least toxic methods applied in accordance with label directions. Contractor must minimize the use of herbicides and utilize environmentally safe weed control for park and median areas.

- b) How does your agency ensure that there is no application of pesticides or fertilizers immediately before, during, or immediately after a rain event or when water is flowing off the area to be applied?

Pesticides and fertilizers are applied by a certified contractor and scheduled to avoid conflict with irrigation schedules. Scheduled applications are rescheduled if rain is forecast.

Contractor must obtain the City's approval 48 hours prior to the use of any chemical. The landscape contract specifies that there is to be no application of pesticides or herbicides immediately before, during or after a rain event or when water is flowing off the proposed application area.

- c) Are any banned pesticides, herbicides, fungicides, or rodenticides stored or applied in your agency's jurisdiction that you know of? Yes ☐ No ☒

If so, list them:

--

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What percentage of your agency's staff that apply pesticides are certified by the California Department of Food and Agriculture, or are under the direct supervision of a certified pesticide applicator? **NA - No pesticides are used**

d) Describe procedures your agency has implemented to encourage retention and planting of native vegetation and to reduce water, fertilizer, and pesticide needs:

Standard BMPs are utilized to encourage the retention and planting of native vegetation and to reduce water, fertilizer and pesticide needs. The City has established a pesticide-free zone in Hermosa Green Belt.

75% of City parkland is irrigated with reclaimed water through a system of central controllers. Irrigation in City parks is controlled by a weather-based control system. The Pier Avenue landscape was added to this system during renovation. In addition, the recently constructed Community Center Memorial Fountain and the South Park improvement project both included the installation of California native drought tolerant landscaping, the use of reclaimed irrigation water, and the installation of drip irrigation systems.

5. Storm Drain Operation and Management

a) Did your agency designate catch basin inlets within its jurisdiction as Priority A; Priority B; and Priority C? Yes ☒ No ☐

b) How many of each designation exist in your jurisdiction?

Priority A:

0

Priority B:

0

Priority C:

126

The City has previously considered the catch basins within the commercial areas of the City to be Priority A and B, however most of those catch basins are owned by the County and/or have been fitted with debris excluders and catch basin inserts which has reduced the accumulation of trash in those catch basins. There are 35 County-owned catch basins fitted with automatic retractable debris screens and the City conducts extra cleanings of those catch basins if needed to supplement the regular cleaning by the County. The catch basins listed as Priority A, B, C here are those which are cleaned by the City regardless of ownership.

Plus water quality inlets to infiltration systems installed at various locations within the public right-of-way

As part of the low impact development retrofit of Pier Avenue, a new section of storm drain was constructed along with fourteen (14) new catch basins, which were added to the cleaning schedule. These catch basins as well as fourteen (14)

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additional catch basins have been fitted with certified full capture systems for trash consisting of both connector pipe screens and automatic retractable screens, the latter of which will minimize the need for catch basin cleaning.

- c) Is your city subject to a trash TMDL? Yes ☒ No ☐
- d) If yes, describe the activities and/or implementation measures that your agency conducted pursuant to the TMDL and any other trash reduction efforts that occurred.

On September 20, 2012 a Trash Monitoring and Reporting Plan was submitted to the LARWQCB for compliance with the Santa Monica Bay Nearshore and Offshore Marine Debris Total Maximum Daily Load, Resolution No. R4-2007-006. This Plan was approved by the Regional Board in May 2015.

The City of Hermosa Beach has also voluntarily adopted local ordinances to ban smoking in public places, and single use expanded polystyrene food packaging.

The City has instituted a variety of trash control and reduction measures well before the Marine Debris TMDL was adopted. These measures include but are not limited to:

- Instituted a series of increasingly stringent sustainability requirements for special events held within the City designed to limit the use of single-use containers and items of all kinds and to control litter
- 35 debris screens are maintained on what were previously high priority catch basins within the City. The debris screens have reduced the amount of trash accumulating in the catch basins so that most have now been reassigned as Priority C catch basins.
- The City installed certified trash full capture exclusion devices on 28 catch basins within the downtown commercial area (four years in advance of the first milestone in the newly adopted Santa Monica Bay Nearshore and Offshore Marine Debris TMDL).
- The City switched to a pay as you throw trash collection system in order to incentivize recycling and waste reduction. The provided waste containers are watertight and have lids to reduce discharges and litter.

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- e) How many times were all Priority A basins cleaned last year?

Priority A catch basins are cleaned by County with additional cleaning by City as needed, City does not have records of cleanings by County of County-owned catch basins.

Not applicable

- f) How many times were all Priority B basins cleaned last year?

Not applicable

- g) How many times were all Priority C basins cleaned last year?

All were inspected twice during the reporting year and cleaned if at least 25% full

- h) How much total waste was collected in tons from catch basin clean-outs last year?

4.8 tons

- i) Attach a record of all catch basins in your jurisdiction. This shall identify each basin as City or County owned, and Priority A, B, or C. For all basins that are owned and operated by your agency, include dates that each was cleaned out over the past year.

***See attached record of City contracted catch basin cleaning (Attach IV-E-5 Catch Basin Cleaning Records). Note that the attached records do not include County cleanings of County-owned catch basins but does include City-cleanings of County-owned catch basins.**

- j) Did your agency place and maintain trash receptacles at all transit stops within its jurisdiction.

Yes ☒ No ☐

- k) How many new trash receptacles were installed last year?

All required trash receptacles were in place prior to the deadline. In addition, recycling bins for glass, plastic and aluminum beverage containers have been installed at more than one hundred (100) locations throughout the city including all bus stops and heavily utilized pedestrian areas and parks.

- l) Did your agency place special conditions for events that generated substantial quantities of trash and litter including provisions that:

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- (1) Provide for the proper management of trash and litter generated from the event? Yes ☒ No ☐
- (2) Arrange for temporary screens to be placed on catch basins? Yes ☒ No ☐
- (3) Or for catch basins in that area to be cleaned out subsequent to the event and prior to any rain? Yes ☒ No ☐
- m) Did your agency inspect the legibility of the catch basin stencil or labels? Yes ☒ No ☐
What percentage of stencils were legible? **100 %**
- n) Were illegible stencils recorded and re-stenciled or re-labeled within 180 days of inspection? Yes ☒ No ☐
- o) Did your agency visually monitor Permittee-owned open channel storm drains and other drainage structures for debris at least annually and identify and prioritize problem areas of illicit discharge for regular inspection? **N/A—the City has no open channels**
Is the prioritization attached? Yes ☐ No ☐
- p) Did your agency review its maintenance activities to assure that appropriate storm water BMPs are being utilized to protect water quality? Yes ☒ No ☐
What changes have been made?

City increased the frequency of sweeping of certain municipal parking lots as well as on the strand, Pier Avenue and Hermosa Avenue during the summer season June-September.

Maintenance staff have increased the frequency of maintenance in the contractor area of the City Yard.

The City adjusts the prioritization of catch basins for cleaning based on observed accumulation of material.

The City of Hermosa Beach has instituted a Green Matrix of requirements for special events in the City. The requirements are phased in over three years and are tiered based on the size of the event. The requirements include measures to:

- **Reduce waste and single-use items**
- **Limit and reduce the size of handouts and flyers**
- **Control litter, contain wastes and prohibit hosing of surfaces**

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- **Increase recycling and solid waste diversion rates**
- **Provide educational outreach to the public**

q) Did your agency remove trash and debris from open channel storm drains a minimum of once per year before the storm season?

N/A—the City has no open channels

Yes ☐ No ☐

r) How did your agency minimize the discharge of contaminants during MS4 maintenance and clean outs?

A crew trained in confined space entry removes all solid waste from each catch basin insert and the catch basin using a 700 Vactron truck, following all proper procedures. All the waste collected is properly disposed as a non-hazardous waste.

s) Where is removed material disposed of?

Central waste treatment facility.

6. Streets and Roads Maintenance

a) Did your agency designate streets and/or street segments within its jurisdiction as one of the following:

(1) Priority A – streets and/or street segments that are designated as consistently generating the highest volumes of trash and/or litter?

Yes ☒ No ☐

(2) Priority B - streets and/or street segments that are designated as consistently generating moderate volumes of trash and/or litter?

Yes ☒ No ☐

(3) Priority C – streets and/or street segments that are designated as generating low volumes of trash and/or litter?

Yes ☒ No ☐

b) Did your agency perform all street sweeping in compliance with the permit and according to the following schedule:

(1) Priority A – These streets and/or street segments shall be swept at least two times per month?

Yes ☒ No ☐

(2) Priority B - Each Permittee shall ensure that each streets and/or street segments is cleaned at least once per month?

Yes ☒ No ☐

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(3) Priority C – These streets and/or street segments shall be cleaned as necessary but in no case less than once per year? Yes ☒ No ☐

c) Did your agency require that saw cutting wastes be recovered and disposed of properly and that in no case shall waste be left on a roadway or allowed to enter the storm drain? Yes ☒ No ☐

d) Did your agency require that concrete and other street and road maintenance materials and wastes be managed to prevent pollutant discharges? Yes ☒ No ☐

e) Did your agency require that the washout of concrete trucks and chutes only occur in designated areas and never into storm drains, open ditches, streets, or catch basins leading to the storm drain system? Yes ☒ No ☐

f) Did your agency train its employees in targeted positions (whose interactions, jobs, and activities affect storm water quality) regarding the requirements of the storm water management program to:

(1) Promote a clear understanding of the potential for maintenance activities to pollute storm water? and Yes ☒ No ☐

(2) Identify and select appropriate BMPs? Yes ☒ No ☐

7. Parking Facilities Management

a) Did your agency ensure that Permittee-owned parking lots be kept clear of debris and excessive oil buildup and cleaned no less than 2 times per month and/or inspected no less than 2 times per month to determine if cleaning is necessary. Yes ☒ No ☐

b) Were any Permittee-owned parking lots cleaned less than once a month? Yes ☐ No ☒
How many?

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8. Public Industrial Activities Management

- a) Did your agency, for all municipal activity considered an industrial activity under USEPA Phase I storm water regulations, obtain separate coverage under the State of California General Industrial Activities Storm Water Discharge Permit no later than December 31, 2001? **N/A—City conducts no municipal industrial activity**
Yes ☐ No ☐
- b) Does your agency serve a population of less than 100,000 people?
Yes ☒ No ☐

9. Emergency Procedures

- a) In case of real emergencies, did your agency repair essential public services and infrastructure in a manner to minimize environmental damage?
Yes ☒ No ☐
- b) Were BMPs implemented to the extent that measures did not compromise public health and safety?
Yes ☒ No ☐

10. Feasibility Study

- a) Did your agency cooperate with the County Sanitation Districts of Los Angeles County to prepare a study which investigates the possible diversion of dry weather flows or the use of alternative treatment control BMPs?
Yes ☒ No ☐
- b) Did your agency review its individual prioritized list and create a watershed based priority list of drains for potential diversion and submit a listing of priority diversions to the Regional Board Executive Officer?
Yes ☒ No ☐

City of Hermosa Beach Individual Annual Report (Form U-4)

F. Illicit Connections and Illicit Discharges (IC/ID) Elimination Program (Part 4.G)

1. Attach a copy of your agency's IC/ID Elimination Implementation Program (Part 4.G.1.a.).
2. Attach a map of your storm drain system showing all permitted connections (if available), and the locations of all illicit connections and discharges that occurred last year (Part 4.G.1.b). If your agency has not completed this requirement, describe the status of the development of a baseline map, including an expected completion date.

No direct connections to the storm drain are allowed, however the City's storm drain base map has been provided as an attachment (Attach-IV-F-2 Storm Drain System Map).

The City provides GIS mapping information of illicit discharges and connections in the format required by the Principal Permittee for the annual trend analysis.

3. Describe your enforcement procedures for eliminating illicit discharges and terminating illicit connections.

During routine site inspections an attempt is made to identify illicit connections and discharges. Routine surveillance is conducted in selected areas during wet and dry weather conditions to identify potential violations. Upon identification of an illicit connection or discharge, a verbal warning (for minor corrections) or written Notice of Violation (for major violations) is issued. The responsible party must terminate illicit discharges immediately, and 30 days is given for correcting illicit connections.

4. Describe your record keeping system to document all illicit connections and discharges.

Illicit connections and discharges are recorded and kept on file in the Department of Public Works. In the event of an illicit activity, inspectors generate a report.

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5. What is the total length of open channel that your agency owns and operates? 0
6. What length was screened last year for illicit connections? 0
7. What is the total length of closed storm drain that your agency owns and operates? 1.5 miles
8. What length was screened last year for illicit connections? 0
9. Describe the method used to screen your storm drains.

The City screened the storm drain system by CCTV some years ago as a baseline and the City does not permit connections to the storm drain system. Priority areas are under frequent observation by field maintenance crews for illicit activities. Routine surveillance is conducted in selected areas during wet and dry weather conditions to identify potential violations. To date no illicit connections have been found.

10. Provide the reporting data for illicit connections as suggested in the following table (you may submit a spreadsheet from your database that contains the information).

Year	Total # reported/ identified	Total # investigated	# that conveyed exempt discharges or NPDES permitted	# that conveyed illicit discharges that were terminated	# that were removed	# that resulted in enforcement action	# that resulted in <i>other</i> actions
01/02	0						
02/03	0						
03/04	0						
04/05	0						
05/06	0						
06/07	0						
07/08	0						
08/09	0						
09/10	0						
10/11	0						
11/12	0						
12/13	0						
13/14	0						
14/15	0						

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11. Explain any *other* actions that occurred in the last year—

No other actions with respect to illicit connections occurred during the reporting year.

12. What is the average time it takes your agency to initiate an illicit connection investigation after it is reported? Within 24 hours

a) Were all identified connections terminated within 180 days? Yes ☒ No ☐

b) If not, explain why.

13. Provide the reporting data for illicit discharges as suggested in the following table (you may submit a spreadsheet from you database that contains this information).

Year	Total # reported	Total # that were discontinued / or cleaned up voluntarily through enforcement and the source was identified	# that were cleaned up but the source could not be identified	# that resulted in no evidence of discharge	# that were determined to be conditionally exempt	# that were exempt or in compliance and the source identified	# that resulted in enforcement action (warning letter or citation)
01/02	6	6	0	6	0	0	0
02/03	3	3	0	3	0	0	3
03/04	3	3	0	3	0	0	2
04/05	18	18	0	0	0	0	0
05/06	9	9	0	0	0	0	0
06/07	15	15	0	0	0	0	6
07/08	10	10	0	8	0	0	0
08/09	31	14	0	9	7	0	1
09/10	19	19	0	0	6	0	2
10/11	23	22	2	6	11	0	1
11/12	31	26	0	0	0	0	14
12/13	23	23	0	0	0	0	3
13/14	21	12					9
14/15	14¹	14	0	0	0	0	0

¹ Reported illicit discharges includes those industrial/commercial inspections with evidence of illicit discharge as well as construction site inspections with evidence of illicit discharge. Illicit discharges also include discharges in violation of City's water conservation ordinance.

City of Hermosa Beach Individual Annual Report (Form U-4)

14. What is the average response time after an illicit discharge is reported?

Less than 24 hours, and depending on the nature of the event, the response may be less than one hour.

a) Did any response times exceed 72 hours? Yes ☐ No ☒

b) If yes, explain why.

15. Describe the your agency's spill response procedures.

Upon report or identification of a spill, an inspector and a field crew is dispatched to investigate. The inspector identifies the nature of the spill, takes any action necessary to protect the public from imminent danger, notifies appropriate emergency response agencies (e.g., Haz Mat in the case of a hazardous spill, County Health Department and Sanitation Districts for sewer spills), and takes initial action to contain the spill while protecting public health and the field personnel from harm. Further procedures are described in the City's Illicit Connection/Illicit Discharge elimination Program (Attach IV-F-1 ICID Program).

16. What would you do differently to improve your agency's IC/ID Elimination Program?

The Department of Public Works is implementing its Sanitary Sewer System Management Plan for operation and maintenance of its sanitary sewer collection system in accordance with the requirements of the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (SWRCB Order No. 2006-003).

17. Attach a list of all permitted connections to your storm sewer system.

The City does not permit connections to the storm drain system.

City of Hermosa Beach Individual Annual Report (Form U-4)

V. Monitoring

Briefly describe any storm water monitoring activities that are not required by Order No. 01-182 that your municipality conducted, participated in, or received funding to conduct in the past fiscal year. These activities should correspond with the dollar amount you listed in Table 2.

The City is participating in the Coordinated Shoreline Monitoring Plan under the Santa Monica Bay Beaches Bacteria TMDL. The City is a member of Jurisdictional Groups 5 & 6 and is contributing its share of monitoring costs.

VI. Assessment of Program Effectiveness

- A. Attach a summary of the effectiveness of your storm water management program. This summary should include, at a minimum, the following:
1. An assessment of your agency's compliance with permit requirements, based on your responses to the questions in this form;
 2. Descriptions of any evaluation methods that your agency uses to determine the effectiveness of your storm water management program;
 3. A summary of the strengths and weaknesses of your agency's storm water management program;
 4. A list of specific program highlights and accomplishments;
 5. A description of water quality improvements or degradation in your watershed over the past fiscal year;
 6. Interagency coordination between cities to improve the storm water management program;
 7. Future plans to improve your agency's storm water management program; and
 8. Suggestions to improve the effectiveness of your program or the County model programs.

[See Attachment IV- Program Effectiveness]

- B. On a scale of 1 to 10 (10 being full implementation of requirements by their deadlines), rate your municipality's level of compliance with Order No. 01-182.

10

- C. List any suggestions your agency has for improving program reporting and assessment.

A new annual reporting format/structure needs to be developed for Order No. R4-2012-0175.

Los Angeles County Municipal Storm Water Permit (Order 01-182)

Individual Annual Report Form

Attachment U-4

Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility, of a fine and imprisonment for knowing violations.

Executed on the 14th day of December, 2015,

at Hermosa Beach City Hall.

Printed Name: Tom Rakaly

Title: City Manager

City Name City of Hermosa Beach

(Signature) 

Signature by duly authorized representative

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October 6, 2015

Mr. Sam Unger, Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013-1105

RE: Legal Authority Certification for the City of Hermosa Beach to Implement and Enforce
the Requirements of LARWQCB Order R4-2012-0175

Dear Mr. Unger:

The City of Hermosa Beach submits this statement in its capacity as a co-permittee under LARWQCB Order R4-2012-0175 (NPDES No. CAS004001) (the "MS4 Permit"), in accordance with Part VI.A.2 of the Order.

I am the City Attorney of the City of Hermosa Beach, California. In that capacity, I state that it is my opinion that the City has adequate legal authority to implement and enforce the requirements in the MS4 Permit, consistent with the requirements set forth in the regulations implementing the Clean Water Act, 40 CFR § 122.26(d)(2)(i)(A-F), and to the extent permitted by state and federal law and subject to the limitations on municipal action under the California and United States Constitutions.

The primary source of the City's authority is Article 11, § 7 of the California Constitution. The City also has authority under § 13002 of the California Water Code to adopt and enforce ordinances conditioning, restricting and limiting activities which might degrade the quality of waters of the State. Pursuant to Article 11, § 7 of the California Constitution and § 13002 of the California Water Code, the City adopted Chapter 8.44 of the Hermosa Beach Municipal Code ("HBMC"), which contains the City's regulations enabling it to impose the legal requirements of the MS4 Permit (see attached analysis of legal authority) and was just amended in July of 2015. Thus, the City has the legal authority as required under Part VI.A.2 of the MS4 Permit.

Article 11, § 7 also provides the City the authority to require the use of control measures to prevent or reduce the discharge of pollutants and ensure that such control measures are properly

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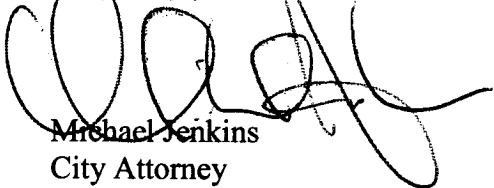
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operated and maintained. The City's environmental requirements are also implemented in part through the application of the California Environmental Quality Act ("CEQA") process to proposed projects, as enforceable mitigation measures. The City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency agreements to control the contribution of pollutants from one portion of the shared MS4 to another.

Pursuant to HBMC Chapters 1.04 Violations and Penalties, 1.08 Administrative Citations and Penalties and 8.44 Storm Water Management and Urban Runoff Pollution Control, the City's regulations may be enforced administratively, civilly and criminally. The HBMC also provides various procedures to modify and/or revoke city-issued permits for unlawful and/or environmentally disruptive activity.

Consequently, it is my opinion that the City has adequate legal authority to implement and enforce the requirements in the MS4 Permit. Please do not hesitate to contact me should you have any questions or need any additional information.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Michael Jenkins', written over a horizontal line.

Michael Jenkins
City Attorney
City of Hermosa Beach

Enclosure

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Hermosa Beach Statement of Legal Authority

A. The following list shows the relationship of the Hermosa Beach Municipal Code and other legal authorities to the MS4 permit requirements under Part VI.A.2 of the Permit:

- i. Control the contribution of pollutants to its MS4 from storm water discharges associated with industrial and construction activity and control the quality of storm water discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under an NPDES permit, as well as to those sites that do not have coverage under an NPDES permit.

HBMC 8.44.060 Prohibited Activities; HBMC 8.44.090 Requirements for Industrial/Commercial and Construction Activities

- ii. Prohibit all non-storm water discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A.

HBMC 8.44.060 Prohibited Activities

- iii. Prohibit and eliminate illicit discharges and illicit connections to the MS4.

HBMC 8.44.060 Prohibited Activities

- iv. Control the discharge of spills, dumping, or disposal of materials other than storm water to its MS4.

HBMC 8.44.060 Prohibited Activities; HBMC 8.44.080 Good Housekeeping Provisions; HBMC 8.44.090 Requirements for Industrial/Commercial and Construction Activities; HBMC 8.44.095 Low Impact Development Requirements for New Development and Redevelopment Projects

- v. Require compliance with conditions in Permittee ordinances, permits, contracts or orders (i.e., hold dischargers to its MS4 accountable for their contributions of pollutants and flows).

HBMC 8.44.090 Requirements for Industrial/Commercial and Construction Activities; HBMC 8.44.095 Low Impact Development Requirements for New Development and Redevelopment Projects; HBMC 8.44.110 Violations of Stormwater and Dry Weather Runoff Pollution Control Regulations; HBMC Chapter 1.04 Violations and Penalties and Chapter

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1.10 Administrative Citations and Penalties

- vi. Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders.

HBMC 8.44.110 Violations of Stormwater and Dry Weather Runoff Pollution Control Regulations; HBMC Chapter 1.04 Violations and Penalties and Chapter 1.10 Administrative Citations and Penalties

- vii. Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among Co-permittees.

In addition to the provisions of HBMC Chapter 8.44, which control the contribution of pollutants, the City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency agreements to control the contribution of pollutants from one portion of the shared MS4 to another.

- viii. Control of the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation.

In addition to the provisions of HBMC Chapter 8.44, which control the contribution of pollutants, the City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency agreements to control the contribution of pollutants from one portion of the shared MS4 to another.

- ix. Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-storm water discharges into the MS4 and receiving waters. This means the Permittee must have authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4.

HBMC 8.44.100 Inspection Authority

- x. Require the use of control measures to prevent or reduce the discharge of pollutants to achieve water quality standards/receiving water limitations.

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Article 11, § 7 of the California Constitution; California Public Resources Code § 21000 et seq. (CEQA); HBMC 8.44.080 Good Housekeeping Provisions, HBMC 8.44.090 Requirements for Industrial/Commercial and Construction Activities; HBMC 8.44.095 Low Impact Development Requirements for New Development and Redevelopment Projects; HBMC Title 17 Zoning

- xi. Require that structural BMPs are properly operated and maintained.

Article 11, § 7 of the California Constitution; California Public Resources Code § 21000 et seq. (CEQA); HBMC 8.44.080 Good Housekeeping Provisions, HBMC 8.44.090 Requirements for Industrial/Commercial and Construction Activities; 8.44.095 Low Impact Development Requirements for New Development and Redevelopment Projects; HBMC Title 17 Zoning

- xii. Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4.

California Public Resources Code § 21000 et seq. (CEQA); HBMC 8.44.100 Inspection Authority; HBMC 8.44.110 Violations of Stormwater and Dry Weather Runoff Pollution Control Regulations

B. Procedures available to mandate compliance with applicable municipal ordinances under HBMC Chapters 1.04 Violations and Penalties, 1.08 Administrative Citations and Penalties and 8.44 Storm Water Management and Urban Runoff Pollution Control:

1. Criminal Citation (judicial)
2. Administrative Citation (administrative)
3. Administrative Cease and Desist Order (administrative)
4. Civil Nuisance Abatement (judicial)
5. Civil Injunction (judicial)
6. Permit Revocation/Modification (administrative)
7. All other criminal and civil remedies available by law